

Anti-AGR2 antibody

Cat. No.	ml220051
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-AGR2 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human AGR2
Reactivity	Human, Mouse
Content	0.7 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	AGR2
Full name	Anterior gradient protein 2 homolog

Synonyms AG2, GOB-4, HAG-2, XAG-2, PDIA17

Swissprot O95994

Target Background

Anterior gradient protein 2 homolog (AGR2) is a human protein originally discovered in *Xenopus laevis*, encoded for by the gene of the same name. In *Xenopus* AGR2 is an important role in cement gland differentiation, however in human cancer cell lines high levels of AGR2 correlate with reduction of the p53 response and AGR2 levels are elevated in the preneoplastic tissue Barrett's oesophagus.

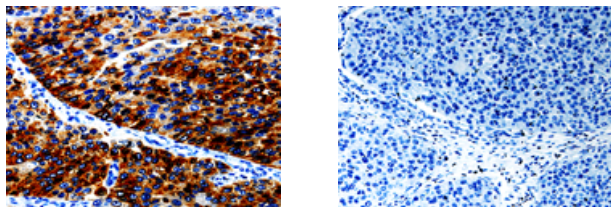
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human renal cancer

Recommended dilution: 10-50



The image on the left is immunohistochemistry of paraffin-embedded Human renal cancer tissue using ml220051(AGR2 Antibody) at dilution 1/10, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 20 kDa

Positive control: Mouse Large intestine tissue

Recommended dilution: 1000-5000

Gel: 10%SDS-PAGE

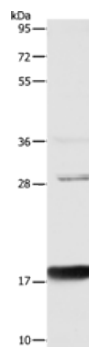
Lysate: 40 μ g

Lane: Mouse Large intestine tissue

Primary antibody: ml220051(AGR2 Antibody) at dilution 1/1000

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 20 seconds



ELISA

Recommended dilution: 1000-10000

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